CLAIMS

Sub B1 #2

1. A method for recording image, comprising the steps of:

storing image data obtained by an image pickup operation in a storage medium;

measuring the amount of the image data stored in the storage medium until reaching a predetermined amount of data; and

after reaching the predetermined amount of data, recording the image data being stored in the storage medium into a non-volatile recording medium, in parallel with the step of storing in the storage medium image data obtained by the image pickup operation performed after reaching the predetermined amount of data.

2. The method for recording image according to Claim 1, further comprising the steps of:

storing in the storage medium storage information including a start address and data length of the image data being stored in the storage medium; and

recording the image data being stored in the storage medium to the recording medium based on the storage information.

3. The method for recording image according to Claim 1, wherein the step of storing image data in the storage medium includes the steps of:

converting an image signal obtained by the image pickup operation to the image data by the frame of image, and

compressing the image data before storing in the storage medium.

4. The method for recording image according to Claim 3, wherein the image data are compressed according to a motion picture compression form.

5. The method for recording image according to Claim 2, wherein the step of storing image data in the storage medium includes the steps of:

converting an image signal obtained by the image pickup operation to the image data by the frame of image; and

compressing the image data before storing in the storage medium.

6. The method for recording image according to Claim 5, wherein the image data are compressed according to a motion picture compression form.

7. An image pickup apparatus comprising:

an optical lens;

an image pickup device for taking image through the optical lens;

storage instructing means for storing image data obtained by an image pickup operation of the image pickup device in a storage medium;

record instructing means for allowing to record the

image data from the storage medium to a non-volatile recording medium;

measuring means for measuring of the amount of image data stored in the storage medium; and

parallel processing instructing means, after reaching the predetermined amount of data, for instructing the record instructing means to record into a non-volatile recording medium the image data being stored in the storage medium in parallel with the storing operation of image data obtained by the image pickup operation performed after reaching the predetermined amount of data.

8. The image pickup apparatus according to Claim 7, wherein the storage instructing means stores in the storage medium storage information including a start address and data length of the image data stored in the storage medium; and

the record instructing means allows to record the image data stored in the storage medium into the recording medium based on the storage information.

9. The image pickup apparatus according to Claim 7, further comprising:

A/D conversion means for converting an image signal obtained by the image pickup device from analog image signals to digital image signals;

image data conversion means for converting the converted digital image signals to image data; and

compressing means for compressing the converted image data,

wherein the compressed image data are stored in the storage medium.

10. The image pickup apparatus according to Claim 9, wherein the compressing means compresses the image data according to a motion picture compression form.

11. The image pickup apparatus according to Claim 8, further comprising:

A/D conversion means for converting an image signal obtained by the image pickup device from analog image signals to digital image signals;

image data conversion means for converting the converted digital image signals to image data; and

compressing means for compressing the converted image data,

wherein the compressed image data are stored in the storage medium.

12. The image pickup apparatus according to Claim 11, wherein the compressing means compresses the image data according to a motion picture compression form.

13. An image pickup apparatus where image data by obtained by an image pickup operation are stored in a storage medium and the image data being stored in the storage medium are recorded into a non-volatile recording medium, the image

pickup apparatus compressing:

an optical lens;

an image pickup device for taking image through the optical lens;

a controller which is capable of performing the following operations;

i) storing the image data in the storage medium;

ii) measuring the amount of the image data stored in the storage medium until reaching a predetermined amount of data;

iii) after reaching the predetermined amount of data, recording the image data being stored in the storage medium into the recording medium, in parallel with the operation of storing image data obtained by the image pickup operation, the image pickup operation being performed after reaching the predetermined amount of data.

14. The image pickup apparatus according to Claim 13, further comprising the following operations:

iv) storing in the storage medium storage information including a start address and data length of the image data being stored in the storage medium; and

v) recording the image data being stored in the storage medium to the recording medium based on the storage information.

15. The image pickup apparatus according to Claim 13,

wherein the operation i) of storing image data in the storage medium includes the following operations:

i-i) converting an image signal obtained by the image pickup operation to the image data by the frame of image, and

i-ii) compressing the image data before storing in the storage medium.

16. The image pickup apparatus according to Claim 15, wherein the image data are compressed according to a motion picture compression form.

17. The image pickup apparatus according to Claim 14, wherein the operation i) of storing image data in the storage medium includes the following operations:

i-i) converting an image signal obtained by the image pickup operation to the image data by the frame of image, and

i-ii) compressing the image data before storing in the storage medium.

18. The image pickup apparatus according to Claim 17, wherein the image data are compressed according to a motion picture compression form.